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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/829,299	04/22/2004	Minoru Takaya	252192US2	7187

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EXAMINER

GOFMAN, ANNA

ART UNIT PAPER NUMBER

1771

DATE MAILED: 02/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/829,299

Applicant(s)

TAKAYA ET AL.

Examiner

Anna Gofman

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-9 are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_.

***Election/Restrictions***

1. Claim 6 is generic to a plurality of disclosed patentably distinct species comprising “the electronic component as set forth in claim 1, wherein the resin comprises at least one kind of thermosetting resin selected from among an epoxy resin, a phenol resin, an unsaturated polyester resin, a vinyl ester resin, a polyimide resin, a bismaleimidetriazine (cyanate ester) resin, a polyphenylene ether (oxide) resin, a fumarate resin, a polybutadiene resin and a vinylbenzyl resin; or at least one kind of thermoplastic resin selected from among an aromatic polyester resin, a polyphenylene sulfide resin, a polyethylene terephthalate resin, a polybutylene terephthalate resin, a polyethylene sulfide resin, a polyether ether ketone resin, a polytetrafluoroethylene resin, a polyarylate resin and a graft resin; or a resin obtained by combining at least one kind of such thermosetting resin and at least one kind of such thermoplastic resin.” Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

2. Claim 7 is generic to a plurality of disclosed patentably distinct species comprising “the electronic component as set forth in claim 3, wherein the resin

comprises at least one kind of thermosetting resin selected from among an epoxy resin, a phenol resin, an unsaturated polyester resin, a vinyl ester resin, a polyimide resin, a bismaleimidetriazine (cyanate ester) resin, a polyphenylene ether (oxide) resin, a fumarate resin, a polybutadiene resin and a vinylbenzyl resin; or at least one kind of thermoplastic resin selected from among an aromatic polyester resin, a polyphenylene sulfide resin, a polyethylene terephthalate resin, a polybutylene terephthalate resin, a polyethylene sulfide resin, a polyether ether ketone resin, a polytetrafluoroethylene resin, a polyarylate resin and a graft resin; or a resin obtained by combining at least one kind of such thermosetting resin and at least one kind of such thermoplastic resin."

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

3. Claim 8 is generic to a plurality of disclosed patentably distinct species comprising "the electronic component as set forth claim 1, wherein the powdery functional material comprises at least one kind of ferrite magnetic material selected from among Mn--Mg--Zn, Ni--Zn and Mn--Zn; at least one kind of ferromagnetic metal material selected from among iron carbonyl, an iron-silicon alloy, an iron-aluminum-

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silicon alloy, an iron-nickel alloy and an amorphous (iron or cobalt) alloy; or at least one kind of dielectric material selected from among BaO--TiO<sub>2</sub>--Nd<sub>2</sub>O<sub>3</sub>, BaO--TiO<sub>2</sub>--SnO<sub>2</sub>, PbO--CaO, TiO<sub>2</sub>, BaTiO<sub>3</sub>, PbTiO<sub>3</sub>, SrTiO<sub>3</sub>, CaTiO<sub>3</sub>, Al<sub>2</sub>O<sub>3</sub>, BiTiO<sub>4</sub>, MgTiO<sub>3</sub>, (Ba, Sr)TiO<sub>3</sub>, Ba(Ti, Zr)O<sub>3</sub>, BaTiO<sub>3</sub>--SiO<sub>2</sub>, BaO--SiO<sub>2</sub>, CaWO<sub>4</sub>, Ba(Mg, Nb)O<sub>3</sub>, Ba(Mg, Ta)O<sub>3</sub>, Ba(Co, Mg, Nb)O<sub>3</sub>, Ba(Co, Mg, Ta)O<sub>3</sub>, Mg<sub>2</sub>SiO<sub>4</sub>, ZnTiO<sub>3</sub>, SrZrO<sub>3</sub>, ZrTiO<sub>4</sub>, (Zr, Sn)TiO<sub>4</sub>, BaO--TiO<sub>2</sub>--Sm<sub>2</sub>O<sub>3</sub>, PbO--BaO--Nd<sub>2</sub>O<sub>3</sub>--TiO<sub>2</sub>, (Bi<sub>2</sub>O<sub>3</sub>, PbO)--BaO--TiO<sub>2</sub>, La<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>, Nd<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>, (Li, Sm)TiO<sub>3</sub>, Ba(Zn, Ta)O<sub>3</sub>, Ba(Zn, Nb)O<sub>3</sub> and Sr(Zn, Nb)O<sub>3</sub>; or a functional material obtained by combining at least two kinds of materials selected from among the ferrite magnetic material, ferromagnetic metal material and dielectric material." Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

4. Claim 9 is generic to a plurality of disclosed patentably distinct species comprising "t The electronic component as set forth claim 3, wherein the powdery

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functional material comprises at least one kind of ferrite magnetic material selected from among Mn--Mg--Zn, Ni--Zn and Mn--Zn; at least one kind of ferromagnetic metal material selected from among iron carbonyl, an iron-silicon alloy, an iron-aluminum-silicon alloy, an iron-nickel alloy and an amorphous (iron or cobalt) alloy; or at least one kind of dielectric material selected from among BaO--TiO<sub>2</sub>--Nd<sub>2</sub>O<sub>3</sub>, BaO--TiO<sub>2</sub>--SnO<sub>2</sub>, PbO--CaO, TiO<sub>2</sub>, BaTiO<sub>3</sub>, PbTiO<sub>3</sub>, SrTiO<sub>3</sub>, CaTiO<sub>3</sub>, Al<sub>2</sub>O<sub>3</sub>, BiTiO<sub>4</sub>, MgTiO<sub>3</sub>, (Ba, Sr)TiO<sub>3</sub>, Ba(Ti, Zr)O<sub>3</sub>, BaTiO<sub>3</sub>--SiO<sub>2</sub>, BaO--SiO<sub>2</sub>, CaWO<sub>4</sub>, Ba(Mg, Nb)O<sub>3</sub>, Ba(Mg, Ta)O<sub>3</sub>, Ba(Co, Mg, Nb)O<sub>3</sub>, Ba(Co, Mg, Ta)O<sub>3</sub>, Mg<sub>2</sub>SiO<sub>4</sub>, ZnTiO<sub>3</sub>, SrZrO<sub>3</sub>, ZrTiO<sub>4</sub>, (Zr, Sn)TiO<sub>4</sub>, BaO--TiO<sub>2</sub>--Sm<sub>2</sub>O<sub>3</sub>, PbO--BaO--Nd<sub>2</sub>O<sub>3</sub>--TiO<sub>2</sub>, (Bi<sub>2</sub>O<sub>3</sub>, PbO)--BaO--TiO<sub>2</sub>, La<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>, Nd<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>, (Li, Sm)TiO<sub>3</sub>, Ba(Zn, Ta)O<sub>3</sub>, Ba(Zn, Nb)O<sub>3</sub> and Sr(Zn, Nb)O<sub>3</sub>; or a functional material obtained by combining at least two kinds of materials selected from among the ferrite magnetic material, ferromagnetic metal material and dielectric material." Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over

the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

### ***Conclusion***

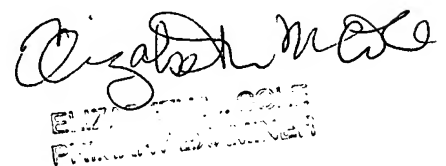
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anna Gofman whose telephone number is (571) 272-7419. The examiner can normally be reached on Mon.-Fri. 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel Morris can be reached on (571) 272-1478. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Anna Gofman  
Examiner  
Art Unit 1771

AG



ELIZABETH A. GOFMAN  
PATENT EXAMINER